

REMARKS

Applicant acknowledges with appreciation the telephone call from the Examiner to applicant's attorney on March 31, 2004. As explained during a telephone conference on March 31, claim 1 of the present application is identical to claim 1 of the parent application No. 09/569,548, and received an Official Action (dated 09/25/03), a copy being enclosed with the accompanying Information Disclosure Statement. In order to expedite prosecution, claim 1 is being cancelled, and new claims 2 – 21 are being added which are directed to the present Specification.

The mobile VPN tunneling protocol which is developed specifically in the present Specification is summarized at page 12. The scenarios that correspond to Figs. 1 and 2, are further summarized in sections (1) and (2) at the upper middle of page 12, the section (1) case being illustrated e.g. in Figure 10, and the section (2) case being illustrated e.g. in Figure 12.

Exemplary operation of the mobile VPN tunneling protocol is explained at pages 14 – 15 of the Specification "Protocol Operation", e.g. taken with Figure 7.

With respect to claim 2, the claim terminology is defined in the Specification as follows:

Claim 2, clause (a) - Page 5, "Terminology", the third section of text re "Home network"; and page 12, "Mobile VPN Tunneling Protocol", item (3) "An MVTP Server", ("MVTP" being defined at page 4, "Abstract", the first sentence).

Claim 2, clause (b) – Page 5 "Terminology", the fifth section of text re "Mobile Host"; Page 12, "Mobile VPN Tunneling Protocol", the top portion of text, item (2) re an "MVTP Client".

Claim 2, clause (c) – Page 12 “Mobile VPN Tunneling Protocol,” the top portion of text, item (1), and item (2), the second sentence.

With respect to claim 3, exemplary support may be found in Figures 7, 10, 12 and 16. As explained in the “Abstract” at page 4 of the present Specification, the last sentence of the first paragraph, MVTP provides a general purpose mobility mechanism. Claim 3 uses the terminology “mobile virtual tunneling protocol” to indicate coverage of the general purpose scope of the mobility mechanism of the present disclosure.

Exemplary support in the specification for claims 4-20 is tabulated as follows:

- Claim 4 - Page 22, “Mobile PPP Security Considerations”, the first sentence.
- Claim 5 - Page 4, “Abstract”, the second sentence.
- Claim 6 - Page 4, “Abstract”, the second sentence.
- Claim 7 – Page 31, “A Comparison of Mobile VPNP and Mobile IP”, the third and fourth sentences.
- Claim 8 – Page 12, “MVTP Features”, item (1); and Page 5, “Terminology”, the fifth paragraph entitled “Mobile host”, the third sentence.
- Claim 9 - Page 26, “Mobile Multi-link PPP (MMP)”, the first paragraph.
- Claim 10 - Page 27, the top section of text, lines 2-4.
- Claim 11 - Page 12, “Mobile VPN Tunneling Protocol”, the last section of text at the middle of Page 12, item (1), the second sentence; and Page

19, the fourth section of text re Figure 10, and the bottom section of text on Page 19.

Claim 12 - Page 12, "Mobile VPN Tunneling Protocol", the last section of text at the middle of Page 12, item (2), the third sentence; and Page 22, "Operation Overview", the third sentence.

Claims 13-16 - Page 12, "MVTP Features", item (2).

Claim 17 - Page 5, the middle section of text, item (2)

Claim 18 - Page 5, the middle section of text, item (3); and Page 27, the top section of text, lines 2 - 4.

Claim 19 - Page 5, the middle section of text, item (4), the second sentence.

Claim 20 - Page 31, "A Comparison of Mobile VPNP and Mobile IP", the third section of text, the third sentence.

GENERAL AUTHORIZATION UNDER 37 CFR 1.136(a)(3)

The Patent and Trademark Office is hereby authorized to treat this or any future paper, requiring a petition for an extension of time, as incorporating a petition for extension of time for the appropriate length of time.

The Patent and Trademark Office is hereby authorized to charge fees under 37 CFR 1.16 and 1.17 to Deposit Account 14-1190.

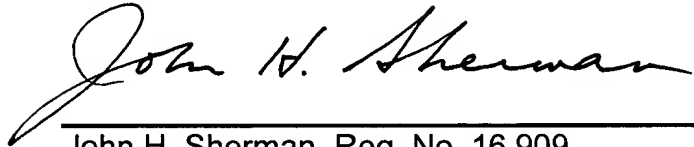
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CONCLUSION

A favorable action on each of the new claims as listed herein is earnestly solicited.

Respectfully Submitted,



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Enclosures: An Information Disclosure Statement, IDS Listing Forms -
Sheet One and Sheet Two, and Copies of the Listed Documents as
Explained in the IDS